

**AMENDMENTS TO THE CLAIMS**

**1-9.** (Cancelled)

**10.** (Previously Presented) A product comprising fullerenes chemically bonded to a surface of a bulk carbon material wherein the average fullerene concentration on the surface of the bulk carbon material is at least 87 molecules per 1000 nanometers of perimeter.

**11.** (Previously Presented) The product of claim **10** wherein the fullerenes are selected from the group consisting of C<sub>50</sub>, C<sub>58</sub>, C<sub>60</sub>, C<sub>130</sub>, and, C<sub>176</sub>, or any combination thereof.

**12.** (Previously Presented) The product of claim **11** wherein the bulk carbon material comprises carbon black particles.

**13.** (Previously Presented) The product of claim **12** wherein the fullerenes are each chemically bonded to carbon black by a carbon atom bridged to two carbon atoms of the fullerene and two carbon atoms of a carbon black particle.

**14-40.** (Cancelled)

**41.** (Previously Presented) The product of claim **10** wherein the fullerenes are each chemically bonded to the bulk carbon material by a carbon atom bridged to two carbon atoms of the fullerene and two carbon atoms of the bulk carbon material.

**42.** (Previously Presented) The product of claim **10**, wherein the size of the bulk carbon material is greater than about 10 nanometers.

**43.** (Previously Presented) The product of claim **10**, wherein the size of the bulk carbon material is greater than about 50 nanometers.

**44.** (Previously Presented) The product of claim **10**, wherein the size of the bulk carbon

material is greater than about 100 nanometers.

**45.** (Previously Presented) The product of claim **10**, wherein the chemically bound fullerenes are derived from functionalized fullerenes.

**46.** (Previously Presented) The product of claim **10**, wherein the chemically bound fullerenes are derived from dichloromethano[60]fullerene.

**47-50.** (Cancelled)

**51.** (Previously Presented) The product of claim **12**, wherein the size of the carbon black particle is greater than about 10 nanometers.

**52.** (Previously Presented) The product of claim **12**, wherein the size of the carbon black particle is greater than about 50 nanometers.

**53.** (Previously Presented) The product of claim **12**, wherein the size of the carbon black particle is greater than about 100 nanometers.

**54.** (Previously Presented) The product of claim **12**, wherein the chemically bound fullerenes are derived from functionalized fullerenes.

**55.** (Previously Presented) The product of claim **12**, wherein the chemically bound fullerenes are derived from dichloromethano[60]fullerene.

**56.** (Previously Presented) Fullerenic structures chemically bonded to a surface of a bulk carbon material wherein the average fullerene concentration on the surface of the bulk carbon material is at least 87 molecules per 1000 nanometers of perimeter.

**57.** (Previously Presented) The product of claim **56** wherein the chemically bound fullerenic structures are derived from functionalized fullerenes.

**58.** (Previously Presented) The product of claim **56** wherein the chemically bound fullerenic structures are derived from dichloromethano[60]fullerene.